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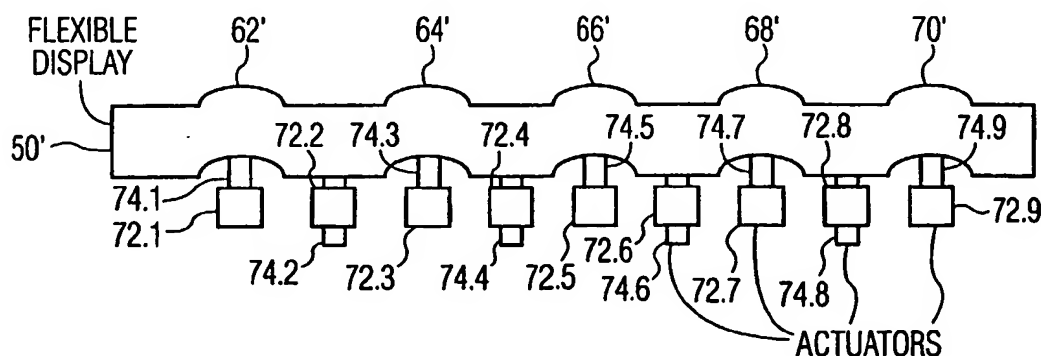
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(54) Title: GRAPHIC USER INTERFACE HAVING TOUCH DETECTABILITY



(57) Abstract: A control panel for a device which includes a graphical user interface (GUI) which displays several control icons that represent various control functions for the device. The control icons on the GUI have tactile detectability which is provided by either vibrotactile display, electrotactile display, or a combination of the two. A method of providing such a control panel is additionally disclosed.

INTERNATIONAL SEARCH REPORT

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IB 03/05499

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F3/00 G06F3/033 G06F3/00 G06F3/033

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/54109 A (IMMERSION CORP) 26 July 2001 (2001-07-26) page 2, line 1 - page 3, line 12 Page 5, second paragraph page 7, line 1 - page 10, line 21 page 11, line 24 - line 39 page 13, line 4 - page 20, line 8 figures 1-8 claims 1,3,6,11,16,21-32,37</p> <p style="text-align: center;">----- -/-</p>	1-20



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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/149561 A1 (SUGIMURA TOSHIKA ET AL) 17 October 2002 (2002-10-17) paragraph '0007! paragraph '0146! - paragraph '0149! paragraph '0156! paragraph '0165! - paragraph '0167! paragraph '0177! paragraph '0270! - paragraph '0275! paragraph '0412! paragraph '0353! - paragraph '0355! figures 1-3,12,16,23,38,39,59,60,81	1-20
X	US 5 717 423 A (PARKER DAVID N) 10 February 1998 (1998-02-10) column 2, line 32 - column 3, line 42 column 5, line 13 - line 29 column 6, line 40 - column 7, line 46 column 11, line 61 - column 12, line 15 column 15, line 48 - line 63 figures 1-18	1
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